

THE CLAIMS

1. (currently amended) A needle apparatus for administering a peripheral nerve block, said needle apparatus comprising:

a hollow needle having ~~at least three fenestrations longitudinally disposed along a length of said hollow needle and~~ thirteen fenestrations isolated to within three centimeters of the on a distal end of said hollow needle, structured to administer a flow of local anesthetic inside a fascial compartment while minimizing flow of anesthetic outside the boundaries of the fascial compartment;

a needle hub having a hollow interior disposed about a proximate end of said hollow needle; and

a stylet cap coupled to a proximate end of a stylet, wherein said stylet is freely slidable inside said hollow needle and needle hub, and wherein said stylet cap creates a releasably secure pressure fit with said needle hub upon full insertion of said stylet into said hollow needle.

2. (original) The needle apparatus of claim 1, wherein said fenestrations are longitudinally disposed along alternate sides of said hollow needle.

3. (original) The needle apparatus of claim 2, wherein said needle hub further comprises at least one fenestration indicator disposed about said needle hub, said fenestration indicator capable of providing visual and tactual verification by a user of an orientation of said fenestrations.

4. (original) The needle apparatus of claim 1, wherein said needle hub further comprises a magnifying window disposed within said needle hub, wherein said magnifying window provides a magnified view of said hollow interior of said needle hub.

5. (currently amended) A needle apparatus for administering a peripheral nerve block, said needle apparatus comprising:

a hollow needle having ~~at least three fenestrations longitudinally disposed and~~ thirteen fenestrations isolated ~~along alternate sides of a~~ to within three centimeters of the distal end of said hollow needle, structured to administer a flow of local anesthetic inside a fascial compartment while minimizing flow of anesthetic outside the boundaries of the fascial compartment, wherein said distal end of said hollow needle is bounded by an occluded tip;

a needle hub disposed about a proximate end of said hollow needle, said needle hub having at least one fenestration indicator disposed about said needle hub, wherein said fenestration indicator is capable of providing visual and tactual verification by a user of an orientation of said fenestrations; and

a stylet cap disposed about a proximate end of a stylet, said stylet cap capable of forming a releasably secure, axially rotatable pressure fit with said needle hub, wherein said stylet is capable of freely sliding inside said hollow needle and needle hub, and wherein said stylet occludes said fenestrations when fully inserted into said hollow needle.

6. (original) The needle apparatus of claim 5, wherein said needle hub further comprises a magnifying window disposed within said needle hub, wherein said magnifying window provides a magnified view of an interior of said needle hub.

7. (currently amended) A method for anesthetizing an affected peripheral nerve, said affected peripheral nerve being contained within a corresponding facial compartment, wherein said facial compartment comprises a facial membrane, said method comprising:

identifying a dermal area of a patient substantially corresponding to said affected peripheral nerve;

inserting said fenestrated needle into said dermal area, said fenestrated needle comprising thirteen fenestrations at least three longitudinally-disposed fenestrations, wherein said fenestrations are isolated to within three centimeters of the ~~on a~~ distal end of said fenestrated needle;

advancing said fenestrated needle slowly through said dermal area and said facial membrane;

withdrawing a stylet disposed within said fenestrated needle to verify proper placement of said fenestrated needle; and

injecting local anesthetic through said fenestrated needle to induce an efflux of local anesthetic into said facial compartment while minimizing flow of anesthetic outside the boundaries of the fascial compartment and a corresponding anesthetic block at said affected peripheral nerve.

8. (original) The method of claim 7, wherein said fenestrated needle further comprises a needle hub disposed about a proximate end of said fenestrated needle.

9. (original) The method of claim 8, wherein said withdrawing a stylet further comprises observing a backflow of fluid within said needle hub to verify that said fenestrated needle is not located intravascularly.